

## PATTERN RECOGNITION METHOD

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## 5 ABSTRACT

A method includes setting lead eye boxes and lead eye points on a gate and a support bar of a lead frame, before clamping the lead frame, and determining whether or not the lead frame is seated in an exact first position. The lead eye boxes and the lead eye points are again set on the gate and the support bar, after clamping the lead frame, and it is redetermined whether or not the lead frame is seated in the exact first position. The positions of leads of the lead frame are captured and memorized. Die eye boxes and die eye points are set on specific patterns of a die and it is determined whether or not the die is mounted in an exact second position.